

DevMtg 2018-04-18

Developers Meeting on Weds, April 18, 2018

Today's Meeting Times



- DSpace Developers Meeting / Backlog Hour: 15:00 UTC in #duraspace IRC or #dev-mtg Slack channel (these two channels sync all conversations)
 - Please note that all meetings are publicly logged

Agenda

Quick Reminders

Friendly reminders of upcoming meetings, discussions etc

- [DSpace 7 Working Group \(2016-2023\)](#): Next meeting is April 19 at 14:00 UTC in [DSpace Meeting Room](#). See wiki page for meeting details and past meeting notes.
- [DSpace Entities Working Group \(2017-18\)](#): Next meeting is TBD. See wiki page for meeting details and past meeting notes.
- [DSpace Developer Show and Tell Meetings](#): Next Show & Tell will be May 15 at 15:00 UTC.
 - Video from yesterday's IDE Showcase available at [Dev Show and Tell - IDE Showcase - Apr 17, 2018 - 1500UTC](#)

Discussion Topics

If you have a topic you'd like to have added to the agenda, please just add it.

Note: Tim will be unavailable for next week's meeting (April 25 at 20UTC).

1. [DSpace 7 Community Sprints](#) : **First sprint will be two weeks, May 7-18. Signup if interested**
 - a. Sprint goals documented at [DSpace 7 Community Sprint 1](#)
2. Updates from the DuraSpace Member Summit
 - a. Three DSpace breakouts at Summit: (1) minor updates to Governance Model, (2) Discussions of Entities WG output & Steering Group Recommendation, (3) Getting more contributions / feedback on Community Sprints
 - i. Notes on all breakouts at: <https://docs.google.com/document/d/1aeSctzCBpYb2FDXLtGUldYMUAYoUoLKSFp8M8Xjgg/edit#heading=h.qd014ya9jq8o>
 - b. Also a public google doc of notes on everything that went on at Summit (not just DSpace specific): https://docs.google.com/document/d/1deLwklVBijJMFfXjreNlqxx8_BCm836zCAf-ofvMMA/edit#heading=h.o39hgjchwar3
 - c. Summit attendees tend to be Library directors, Library IT directors, other managers
 - d. **Key highlights for DSpace developers**
 - i. DSpace Entities
 1. DSpace Steering Group publicized a new statement on their proposal for moving forward with DSpace Entities effort: <https://docs.google.com/document/d/1T1gkosr5u0JqISV4DL0HSIAEH6QhPpCLnKggx-pq6hc/edit>
 2. Proposal is to move forward with option #3, but turn it into an open, community developed project (similar to DSpace 7 WG efforts currently)
 3. Summit attendees are in favor of adding new Entities to DSpace 7, but resources are the main question.
 4. Summit attendees proposed developing a small MVP ([minimum viable product](#)) to make this more tangible and perhaps help garner more support (via funding or resources).
 5. Key question now is finding resources and/or scoping tightly for DSpace 7.
 - ii. [Sprint](#) details were enhanced/improved based on feedback from Summit attendees
3. (Ongoing Topic) [DSpace 7](#) Status Updates for this week (no major updates)
 - a. [DSpace 7 Working Group \(2016-2023\)](#) is currently concentrating on building out search, submission, authentication and MyDSpace functionality. 4Science submission/workflow UI (see [video](#), [slides](#)) to be submitted as series of PRs in coming weeks.
 - b. DSpace 7 Dev Status spreadsheet: https://docs.google.com/spreadsheets/d/18brPF7cZy_UKjy97Ta44UJg5Z8OwJGi7PLoPJVz-g3g/edit#gid=0
4. (Ongoing Topic) DSpace 6.x Status Updates for this week
 - a. [DSpace 6.3 Release Planning](#) is ongoing. Thanks to those who have been helping out with tests and reviews over the last week.
 - b. As we approach the **proposed deadline of May 1**, more open PRs will be shifted to 6.4 as we don't have enough resource to get through them all. By April 25th, if we can get to a 'soft freeze' on 6.x merges, we can start testing a 6.3 release more thoroughly. More info at: <https://groups.google.com/forum/#!topic/dspace-devel/RbHhnhafOto>
5. Tickets, Pull Requests or Email threads (discussions requiring more attention? (Please feel free to add any you wish to discuss under this topic))
 - a. ORCID support broken: Unable to locate Jira server for this macro. It may be due to Application Link configuration.
 - b. DSpace 6 performance issues
 - c. Unable to locate Jira server for this macro. It may be due to Application Link configuration.

Tabled Topics

These topics are ones we've touched on in the past and likely need to revisit (with other interested parties). If a topic below is of interest to you, say something and we'll promote it to an agenda topic!

1. Management of database connections for DSpace going forward (7.0 and beyond). What behavior is ideal? Also see notes at [DSpace Database Access](#)
 - a. In DSpace 5, each "Context" established a new DB connection. Context then committed or aborted the connection after it was done (based on results of that request). Context could also be shared between methods if a single transaction needed to perform actions across multiple methods.
 - b. In DSpace 6, Hibernate manages the DB connection pool. Each **thread** grabs a Connection from the pool. This means two Context objects could use the same Connection (if they are in the same thread). In other words, code can no longer assume each `new Context()` is treated as a new database transaction.
 - i. Should we be making use of `SessionFactory.openSession()` for READ-ONLY Contexts (or any change of Context state) to ensure we are creating a new Connection (and not simply modifying the state of an existing one)? Currently we always use `SessionFactory.getCurrentSession()` in `HibernateDBConnection`, which doesn't guarantee a new connection: https://github.com/DSpace/DSpace/blob/dspace-6_x/dspace-api/src/main/java/org/dspace/core/HibernateDBConnection.java

Ticket Summaries

1. Help us test / code review! These are tickets needing code review/testing and flagged for a future release (ordered by release & priority)

key	summary	type	created	updated	assignee	reporter	priority	status	fixversions
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2. Newly created tickets this week:

key	summary	type	created	assignee	reporter	priority	status
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3. Old, unresolved tickets with activity this week:

key	summary	type	created	updated	assignee	reporter	priority	status
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4. Tickets resolved this week:

key	summary	type	created	assignee	reporter	priority	status	resolution
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5. Tickets requiring review. This is the JIRA Backlog of "Received" tickets:

key	summary	type	created	updated	assignee	reporter	priority
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Meeting Notes

Meeting Transcript

- IRC Transcript is available at - <http://irclogs.duraspace.org/index.php?date=2018-04-18>